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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Tetsuo Toraya et al.                      Art Unit : Unknown  
Serial No. : 10/573,718                                      Examiner : Unknown  
Filed : March 27, 2006  
Title : METHOD FOR PRODUCING 3-HYDROXYPROPIONALDEHYDE

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Applicants disclose the documents listed on the attached form PTO-1449. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents can be provided upon request. Also enclosed is a copy of a search report dated December 14, 2004, issued in corresponding International Application PCT/JP2004/014213. The search report lists eight of the eighteen documents disclosed herein.

Of note, Applicants have submitted herewith an English abstract of foreign language document AF and have provided the corresponding U.S. patent, i.e., document AA, for foreign language document AG.

This statement is also being filed before the receipt of a first Office action on the merits. Please apply any charges to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 7-27-06

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**CERTIFICATE OF MAILING BY FIRST CLASS MAIL**

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Signature  
Diane M. Saturno  
Typed or Printed Name of Person Signing Certificate

Substitute Form PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
08917-116US1Application No.  
10/573,718**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

(37 CFR § 1.98(b))

Applicant  
Tetsuo Toraya et al.Filing Date  
March 27, 2006

Group Art Unit

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,364,984	11/15/1994	Arntz et al.	568	862	
	AB	4,935,554	06/19/1990	Murphy et al.	568	867	
	AC	4,873,379	10/10/1989	Murphy	568	867	
	AD	4,873,378	10/10/1989	Murphy et al.	568	867	
	AE	2,434,110	01/06/1948	Hatch et al.	260	602	

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AF	2000-154164	06/06/2000	JP	C07C	67/39		
	AG	5-213800	08/24/1993	JP	C07C	31/20		
	AH	WO 01/12833 A2	02/22/2001	PCT	C12P	7/00		
	AI	WO 99/58686	11/18/1999	PCT	C12N	15/31		
	AJ	WO 98/21339	05/22/1998	PCT	C12N	15/53		

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AK	Mori et al., "Characterization, Sequencing, and Expression of the Genes Encoding a Reactivating Factor for Glycerol-inactivated Adenosylcobalamin-dependent Diol Dehydratase", The Journal of Biological Chemistry 272:32034-32041, 1997.
	AL	Slininger et al., "Optimizing Aerobic Conversion of Glycerol to 3-Hydroxypropionaldehyde", Applied and Environmental Microbiology 50:1444-1450, 1985.
	AM	Slininger et al., "Production of 3-Hydroxypropionaldehyde from Glycerol", Applied and Environmental Microbiology 46:62-67, 1983.
	AN	Skraly et al., "Construction and Characterization of a 1,3-Propanediol Operon", Applied and Environmental Microbiology 64:98-105, 1998.
	AO	Tobimatsu et al., "Identification and Expression of the Genes Encoding a Reactivating Factor for Adenosylcobalamin-Dependent Glycerol Dehydratase", Journal of Bacteriology 181:4110-4113, 1999.
	AP	Tobimatsu et al., "Specificities of Reactivating Factors for Adenosylcobalamin-Dependent Diol Dehydratase and Glycerol Dehydratase", Arch Microbiol 174:81-88, 2000.
	AQ	Toraya et al., "A Reactivating Factor for Coenzyme B <sub>12</sub> -Dependent Diol Dehydratase", The Journal of Biological Chemistry 274:3372-3377, 1999.
	AR	Vancauwenberge et al., "Bacterial Conversion of Glycerol to $\beta$ -Hydroxypropionaldehyde", Applied and environmental Microbiology 56:329-332, 1990.

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.